

SEQUENCE LISTING

<110> Martelange, Valerie
De Smet, Charles
Boon-Falleur, Thierry

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<150> US 09/183,789

<151> 1998-10-30

<150> US 09/060,706

<151> 1998-04-15

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cat ctc aga aaa gtt aag cac atg aga aaa aga taattgtgtt agtgcaaaga	1851
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Lys Lys Asp Asn Ser Gln Pro Thr Pro Asp Asn Val Leu Ser Ala Val
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Thr Arg Asp Gln Tyr Ala Thr Val Asn His His Val His Glu Ala Arg
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Met Glu Asn Gly Gln Arg Lys Gln Asp Asn Val Leu Ser Asn Val Leu
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Glu Ser Gly Lys Pro Gln Thr Asp Lys Val Ile Ser Asn Asp Ala Pro
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Gln Leu Gly His Met Ala Ala Gly Gly Ile Pro Ser Met Ser Thr Lys
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Asp Leu Tyr Ala Thr Val Thr Gln Asn Val His Glu Glu Arg Met Glu
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Gly Gln Ala Ala Ser Asp Asn Val Phe Ser Thr Val Pro Pro Ala Phe
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cgg gcc acc aag ctg tgg aat gaa gtt acc aca tct ttt cga gca gga      159
Arg Ala Thr Lys Leu Trp Asn Glu Val Thr Thr Ser Phe Arg Ala Gly
          15          20          25

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Asn Ser Asn Phe Gly Pro Glu Val Thr Arg Gln Gln Thr Ile Gln Leu	
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Trp Gly Ser Glu Asn Val Asp Asp Asn Asn Gln Leu Phe Arg Phe Pro	
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Ala Thr Ser Pro Leu Lys Thr Leu Pro Arg Arg Tyr Pro Glu Leu Arg	
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Lys Asn Asn Ile Glu Asn Phe Ser Lys Asp Lys Asp Ser Ile Phe Lys	
125 130 135	
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Leu Arg Asn Leu Ser Arg Arg Thr Pro Lys Arg His Gly Leu His Leu	
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Ser Gln Glu Asn Gly Glu Lys Ile Lys His Glu Ile Ile Asn Glu Asp	
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Glu Val Trp Arg Tyr Val Ile Leu Ile Tyr Leu Gln Thr Ile Leu Gly	
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Tyr Ile Met Tyr Asn Met Ala Asn Thr Ser Lys Arg Gly Val Val Ile	
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Gln	Glu	Phe	Asp	Glu	Gln	Lys	Val	Ser	Thr	Ser	Gln	Ala	Ala	Ile	Ala	
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gaa	ctt	tta	gaa	aat	att	att	aaa	aac	agg	agt	tta	cct	cta	aag	gag	1503
Glu	Leu	Leu	Glu	Asn	Ile	Ile	Lys	Asn	Arg	Ser	Leu	Pro	Leu	Lys	Glu	
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aaa	aga	aaa	aaa	cta	aaa	cag	ttt	cag	aag	gaa	tat	cct	ttg	ata	tat	1551
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Gln Lys Arg Phe Pro Thr Thr Glu Ser Glu Ala Ala Leu Phe Gly Asp			
495	500	505	
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Lys Pro Thr Ile Lys Gln Pro Met Leu Ile Leu Arg Lys Pro Lys Phe			
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Arg Ser Leu Arg			
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			20					25					30		

His	Arg	Gln	His	Phe	Lys	Lys	Tyr	Gly	Asn	Cys	Phe	Thr	Ala	Gly	Glu
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35

40

45

Ala Val Asp Trp Leu Tyr Asp Leu Leu Arg Asn Asn Ser Asn Phe Gly
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Pro Glu Val Thr Arg Gln Gln Thr Ile Gln Leu Leu Arg Lys Phe Leu
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Lys Asn His Val Ile Glu Asp Ile Lys Gly Arg Trp Gly Ser Glu Asn
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Val Asp Asp Asn Asn Gln Leu Phe Arg Phe Pro Ala Thr Ser Pro Leu
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Lys Thr Leu Pro Arg Arg Tyr Pro Glu Leu Arg Lys Asn Asn Ile Glu
115 120 125

Asn Phe Ser Lys Asp Lys Asp Ser Ile Phe Lys Leu Arg Asn Leu Ser
130 135 140

Arg Arg Thr Pro Lys Arg His Gly Leu His Leu Ser Gln Glu Asn Gly
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Glu Lys Ile Lys His Glu Ile Ile Asn Glu Asp Gln Glu Asn Ala Ile
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Asp Asn Arg Glu Leu Ser Gln Glu Asp Val Glu Glu Val Trp Arg Tyr
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Val Ile Leu Ile Tyr Leu Gln Thr Ile Leu Gly Val Pro Ser Leu Glu
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Glu Val Ile Asn Pro Lys Gln Val Ile Pro Gln Tyr Ile Met Tyr Asn
210 215 220

Met Ala Asn Thr Ser Lys Arg Gly Val Val Ile Leu Gln Asn Lys Ser
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Asp Asp Leu Pro His Trp Val Leu Ser Ala Met Lys Cys Leu Ala Asn
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Trp Pro Arg Ser Asn Asp Met Asn Asn Pro Thr Tyr Val Gly Phe Glu
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Leu	Leu	Gln	Pro	His	Leu	Glu	Arg	Val	Ala	Ile	Asp	Ala	Leu	Gln	Leu	305	310	315	320
Cys	Cys	Leu	Leu	Leu	Pro	Pro	Pro	Asn	Arg	Arg	Lys	Leu	Gln	Leu	Leu	325	330	335	
Met	Arg	Met	Ile	Ser	Arg	Met	Ser	Gln	Asn	Val	Asp	Met	Pro	Lys	Leu	340	345	350	
His	Asp	Ala	Met	Gly	Thr	Arg	Ser	Leu	Met	Ile	His	Thr	Phe	Ser	Arg	355	360	365	
Cys	Val	Leu	Cys	Cys	Ala	Glu	Glu	Val	Asp	Leu	Asp	Glu	Leu	Leu	Ala	370	375	380	
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Pro	Thr	Tyr	Ser	Tyr	Cys	Lys	Gln	Ile	Ser	Ala	Gln	Glu	Phe	Asp	Glu	435	440	445	
Gln	Lys	Val	Ser	Thr	Ser	Gln	Ala	Ala	Ile	Ala	Glu	Leu	Leu	Glu	Asn	450	455	460	
Ile	Ile	Lys	Asn	Arg	Ser	Leu	Pro	Leu	Lys	Glu	Lys	Arg	Lys	Lys	Leu	465	470	475	480
Lys	Gln	Phe	Gln	Lys	Glu	Tyr	Pro	Leu	Ile	Tyr	Gln	Lys	Arg	Phe	Pro	485	490	495	

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